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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 2003P18385WOUS
INTERNATIONAL APPLICATION NO. PCT/EP2004/012925	INTERNATIONAL FILING DATE 11/15/2004	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) to be assigned 10/584484
TITLE OF INVENTION AN ASSAY CHIP, AND USES OF SAID ASSAY CHIP TO DETERMINE MOLECULAR STRUCTURES AND FUNCTIONS		
APPLICANT(S) FOR DO/EO/US Karl BRANDER, Louis TIEFENAUER.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Return Post Card, Cover Sheet of PCT/EP2004/012925 (copy), PCT Form 308 (copy)</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IAP2 Rec'd PCT/PTO 23 JUN 2006

PTO-1390 (Rev. 12-2004)

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) to be assigned 09584484		INTERNATIONAL APPLICATION NO. PCT/EP2004/012925		ATTORNEY'S DOCKET NUMBER 2003P18385WOUS	
21. The following fees are submitted:					
<input checked="" type="checkbox"/> a) Basic national fee.....		\$300.00		\$ 300	
<input checked="" type="checkbox"/> b) Examination fee.....		\$200.00		\$ 200	
<input checked="" type="checkbox"/> c) Search fee.....		\$500.00		\$ 500	
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$ 1000	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
- 100 =	0 /50 =			x \$250.00	\$ 0
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	16 - 20 =	0	x \$50.00	\$ 0	
Independent claims	2 - 3 =	0	x \$200.00	\$ 0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS = \$1000				\$ 1000	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.					
SUBTOTAL = \$ 1000					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
TOTAL NATIONAL FEE = \$ 1000					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					
TOTAL FEES ENCLOSED = \$ 1000.00					
<input type="checkbox"/> Amount to be refunded: \$					
<input type="checkbox"/> Amount to be charged: \$ 1000.00					
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. <u>502464</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO: Customer Number: 28204					
 SIGNATURE John Musone NAME 44,961 REGISTRATION NUMBER					

10/584484

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Commissioner for Patents
United States Patent and Trademark Office
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Alexandria, VA 22313-1450

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Your reference
Our reference 2003P18385WOUS
Date June 23, 2006

Customer No.: 28204

Re: Utility Patent Application
Atty. Dock.: 2003P18385WOUS Serial No.: to be assigned
Filed: to be assigned Inventor(s): Tiefenauer *et al.*
For: *AN ASSAY CHIP, AND USES OF SAID ASSAY CHIP TO DETERMINE
MOLECULAR STRUCTURES AND FUNCTIONS*
Sir:

In response to the NATIONAL STAGE FILING OF THE INTERNATIONAL APPLICATION PCT/EP2004/012925, the following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Transmittal Letter to the United States Designated/Elected Offices Concerning a Submission Under 35 U.S.C. 371 (2 pgs.);
2. Application Data Sheet (5 pgs.);
3. Preliminary Amendment (8 pages);
4. PCT Form 308 (copy, 1 pg.);
5. Cover Sheet of PCT/2004/012925 (copy, 1 pg.);
6. Information Disclosure Statement; and
7. Return Post Card.

It is respectfully requested that the attached post card be stamped with the filing date of these documents and returned to us via post. A duplicate of this letter is enclosed.

In the event that the transmittal form is separated from this document and the Patent Office determines that an extension of time and/or other relief is required, Applicants petition for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petition and/or other fees in connection with the filing of this document to

Deposit Account No.: 502464 referencing attorney docket number 2003P18385WOUS.

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However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Date: 6/23/06

Respectfully Submitted,

JPM
John P. Musone
Attorney for Applicant
Tel: 407-736-6449
Registration No. 44,961
Customer No.: 28204

Enclosures

Siemens